

ABSTRACT

A method for forming a multilevel structure on a surface by depositing a curable liquid layer on the surface; pressing a stamp having a multilevel pattern therein into the liquid layer
5 to produce in the liquid layer a multilevel structure defined by the pattern; and, curing the liquid layer to produce a solid layer having the multilevel structure therein. Mechanical alignment may be employed to enhance optical alignment of the stamp relative to the substrate via spaced protrusions on the
10 substrate on which the structure is to be formed and complementary recesses in the patterning of the stamp.